



Appl. No. 10/017,145 Filed December 14, 2001

Amendment Dated April 1, 2004

Reply to Office Action of October 9, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **John Shanklin, et al.**

Serial No.: **10/017,145**

Group No. **1652**

Filed: **December 14, 2001**

Examiner: **T. Saidha**

For: **MUTANT FATTY ACID DESATURASE AND METHOD FOR
DIRECTED MUTAGENESIS**

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

This Amendment is filed in response to the Final Office Action mailed from the Patent Office on October 9, 2003.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 4 of this paper.

Remarks begin on page 7 of this paper.

04/14/2004 RMEBRAHT 00000134 023977 10017145

01 FC:2253 475.00 DA